

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bowie G. Keefer et al.

Application No.: 10/039,940

Filed: October 26, 2001

Confirmation No.: 8442

For: ENERGY EFFICIENT GAS SEPARATION  
FOR FUEL CELLS

Examiner: Stephen J. Kalafut

Art Unit: 1745

Attorney Reference No.: 6454-56839-01

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I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)Date Mailed January 12, 2005*Wayne Rupert*TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- Supplemental Information Disclosure Statement
  - Form PTO-1449 and copies of non-U.S. references cited thereon
  - Check for \$180.00
- A check in the amount of \$180.00 is enclosed for payment of the IDS fee.
- Small entity status is claimed for this application.
- The Director is hereby authorized to charge any additional fees that may be required, or credit over-payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By

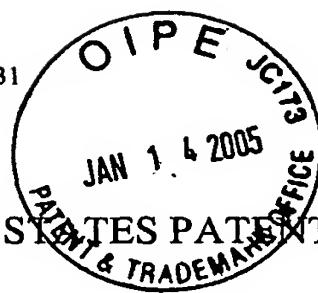
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TRANSMITTAL - Page 1 of 1

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.97(c)**

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent. This Information Disclosure Statement ("IDS") is being mailed before Applicants received a final action, a notice of allowance, or an action that otherwise closes prosecution in the referenced application.

Submitted herewith is a check for \$180.00 as required by 37 C.F.R. § 1.17(p) for filing this IDS in compliance with 1.97(c). Please charge any additional fees which may be required in connection with filing this IDS, or credit any overpayment, to Deposit Account No. 02-4550. A duplicate copy of this sheet is enclosed.

01/19/2005 FFANAI2 00000002 10039940

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The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

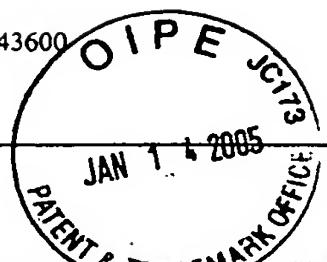
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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**



Attorney Docket Number	6454-56838-01
Application Number	10/039,940
Filing Date	October 26, 2001
First Named Inventor	Bowie G. Keefer
Art Unit	1745
Examiner Name	Stephen J. Kalafut

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,553,981	November 1985	Fuderer
		4,994,331	19 Feb 1991	Cohen
		5,245,110	14 Sept 1993	Van Dijk et al.
		5,360,679	November 1994	Buswell et al.
		5,998,056	December 1999	Divisek et al.
		6,090,312	July 2000	Ziaka et al.
		US2002/0142208	October 2002	Keefer et al.

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Japan	JP 63228572	September 1988	
		Japan	JP 05166528	July 1993	
		Japan	JP 04206161	28 July 1992	
		Japan	JP 10027621	27 Jan 1998	
		WIPO/PCT	WO 96/13871	May 1996	
		WIPO/PCT	WO 99/19249	April 1999	

EXAMINER SIGNATURE:	DATE CONSIDERED:
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\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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First Named Inventor	Bowie G. Keefer
Art Unit	1745
Examiner Name	Stephen J. Kalafut

## **FOREIGN PATENT DOCUMENTS**

<b>Examiner's Initials*</b>	<b>Cite No. (optional)</b>	<b>Country</b>	<b>Number</b>	<b>Publication Date</b>	<b>Name of Applicant or Patentee</b>
		WIPO/PCT	WO 01/47050	June 2001	
		WIPO/PCT	WO 02/37590	May 2002	
		WIPO/PCT	WO 02/45821	June 2002	

## **OTHER DOCUMENTS**

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